



406891

Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

Progress Report #16—Aug 27, 2007

Work Completed: August 16-22, 2007

- Continued constructing temporary access roads to Staging Area 5S.
- Completed clearing and grubbing of Removal Area 6B and Upland Area 6B1.
- Maintained turbidity curtain for Removal Areas 2B, 3B, and part of 4B.
- Continued installing steel sheeting for the Phase I cofferdam.
- Completed excavating non-TSCA soil from Removal Area 5 and Island 3. Began excavating non-TSCA soil from Removal Areas 3B and 4B.
- Solidified, loaded and transported excavated material to Allied Waste's C&C landfill in Marshall, Michigan (non-TSCA material). Continued solidifying soil at Staging Area 1N using a pug mill with cement. Continued staging soil at Staging Area 2S.
- Completed placing stone at Removal Area 2B.
- Completed backfill of Upland Areas 3A1 and 3A2.
- Continued surveying and confirmation sampling in Removal Area 5 and at Island 3.
- Continued turbidity monitoring of the Kalamazoo River to support removal activities.

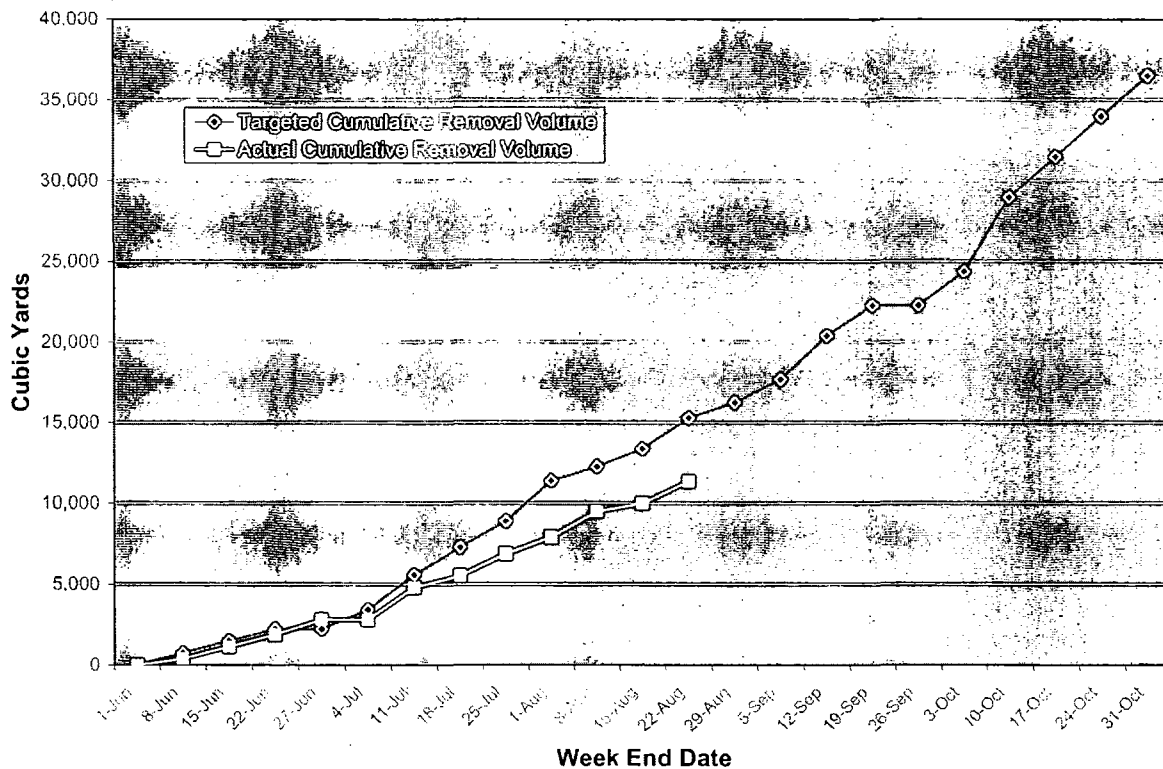
Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	0	0	1470	42
Total to Date	1225	35	9730	278

** All values are unofficial, estimated quantities, subject to revision/verification.

Work Planned: August 23-29, 2007

- Complete construction of Staging Area 5S.
- Complete removal of turbidity curtain at Removal Area 2B and install turbidity curtain in additional areas of Removal Area 4B.
- Continue installation of steel sheeting for the construction of the Phase 1 cofferdam.
- Continue excavating non-TSCA soil from Removal Areas 3B and 4B and TSCA soil from Removal Area 3B.
- Continue loading and transporting solidified non-TSCA material from Staging Areas 1N and 2S to Allied Waste's C&C Landfill in Marshall, Michigan. Continue solidifying soil with cement at Staging Area 1N using a pug mill. Continue staging soil at Staging Area 2S.
- Begin seeding and placing erosion control mats at Removal Areas 1 and 2A.
- Continue surveying and performing sampling and analysis of excavated portions of Removal Areas 2B, 3B, and 4B.
- Continue turbidity monitoring of the Kalamazoo River to support removal activities.

Removal Progress

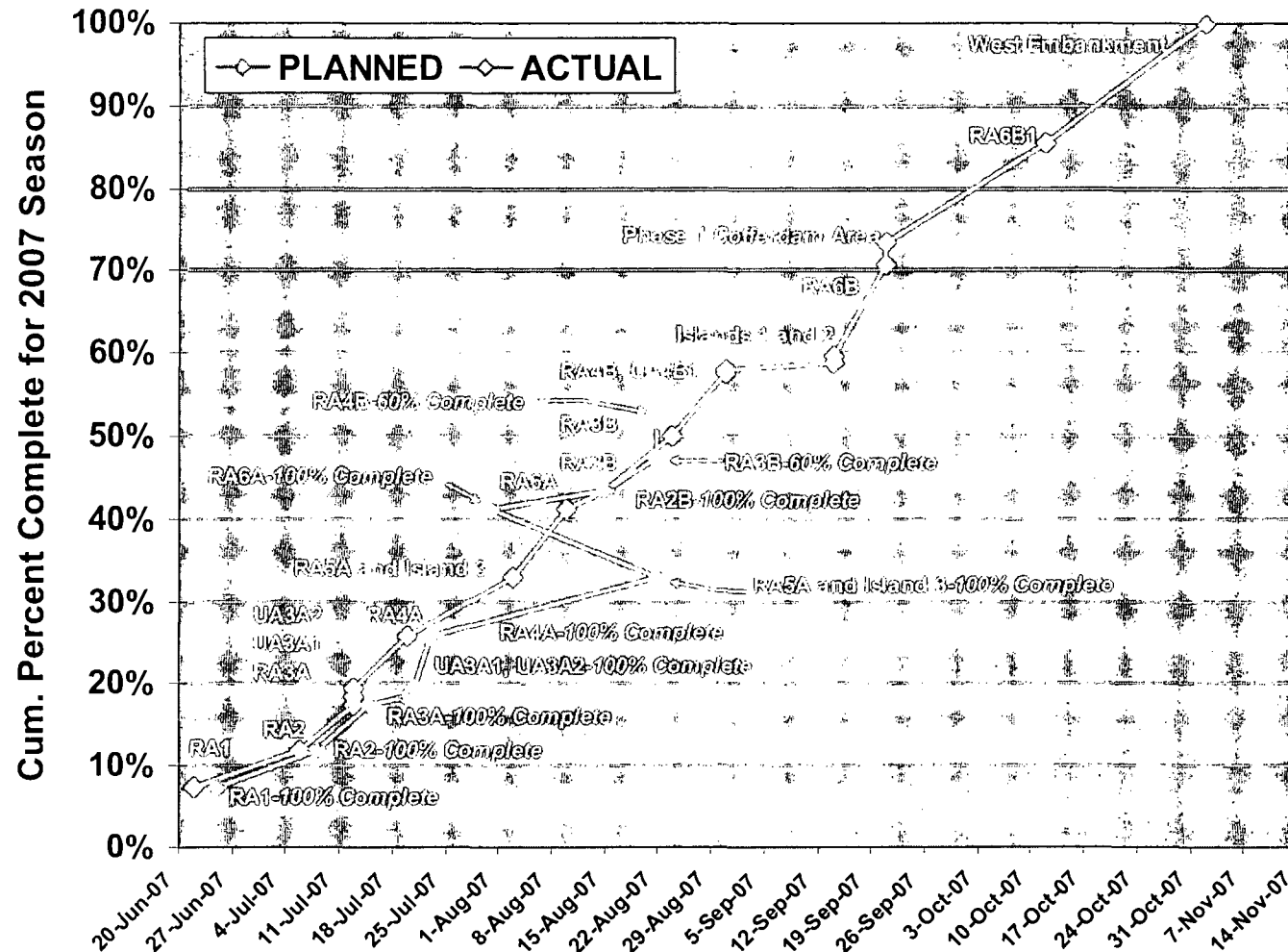


Notes

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed are below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBLES 4/30/07 Plainwell TCRA Construction Schedule.

Removal Progress



Health & Safety Update

- Four Loss Prevention Observations (LPOs) were completed this week.
A total of 40 LPOs have been completed for the project to date.

Weather Summary

- Work was cancelled for a portion of August 20 and 22, 2007 due to thunderstorm activity.

Environmental Monitoring and Construction Quality Assurance Testing

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow: ~ 38,000 gallons

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☐ Yes ☒ in Removal Area(s): 5 and
Island 3

Cleanup Standard Achieved? N/A ☐ Yes ☒ No ☐ If no, explain:

Issues Encountered/Solutions Advanced

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Equipment on Site

Equipment	8/16/07	8/17/07	8/18/07	8/19/07	8/20/07	8/21/07	8/22/07
Komatsu PC-300 Excavator	2	2	2	2	2	2	2
Hitachi 450 Excavator	1	1	1	1	1	1	1
Komatsu PC-300 HD Long Reach	1	1	1	1	1	1	1
Komatsu PC-200 Excavator	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	1	1	1	1	1	1	1
John Deere JD-450 Dozer	1	1	1	1	1	1	1
John Deere JD-700 Dozer	1	1	1	1	1	1	1
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	1	1	1	1	1	1	1
Vermeer Chipper	2	2	2	2	2	2	2
Komatsu D65 Dozer	1	1	1	1	1	1	1
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
Vacuum Truck	0	0	0	0	1	1	1
CAT 328 Loader (King)	1	1	1	1	1	1	1
Terex RT 50-ton Crane	1	1	1	1	1	1	1
2,000 Gallon Water Truck	2	2	2	2	2	2	2
Komatsu 400 Articulating Dump Truck	3	3	3	3	3	3	3

Personnel, Regulatory Staff, and Visitors on Site

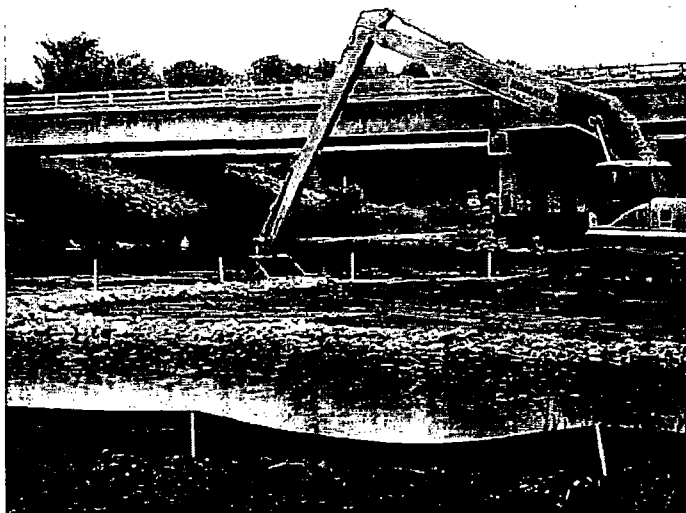
Individual/Affiliation	8/16/07	8/17/07	8/18/07	8/19/07	8/20/07	8/21/07	8/22/07
Terra Contracting Staff	22	22	22		22	22	22
Sam Borries/USEPA OSC						X	X
Mike Ribordy/USEPA OSC							
Craig Thomas/USEPA OSC							
Paul Bucholtz/MDEQ	X					X	X
John Bradley/MDEQ							
John Lerg/MDNR						X	
Jim Saric/USEPA							X
Michael Berkoff/USEPA							X
Weston Contractors	1	1			1	1	1
Drew Santini/CDM							
Chase Fortenberry/KRSG							X
Rick Difiore/ARCADIS BBLES							
Steve Garbaciak/ARCADIS BBL						X	X
Doug Cowin/ARCADIS BBL							X
Adam Chwalibog/ARCADIS BBL	X	X			X	X	X
Eric Hritsuk/ARCADIS BBL							X
Rich Price/ARCADIS BBLES	X						
Matt Bowman/ARCADIS BBLES		X				X	
EJ Suardini/ARCADIS BBLES	X				X	X	X
Mike Kohagen/ARCADIS BBLES	X	X	X		X	X	X

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Ben Lawrence/ARCADIS BBLES	X	X	X		X	X	X
Michelle Rumler/ARCADIS BBL	X	X	X		X	X	X
Joe Willoughby/ARCADIS BBLES					X	X	X
Nick Harmer/ARCADIS BBL	X	X	X		X	X	X
<i>Other Subcontractors (Specify)</i>							
King Construction (WCS/cofferdam)	3	3	3		4	4	4

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Photos from Week #16



*Heavy equipment placing stone
along the banks of Island 3.*



*Equipment installing steel sheeting
for the Phase 1 cofferdam.*



*Heavy equipment loading and hauling backfill material
for Upland Areas 3A1 and 3A2.*



*Heavy equipment excavating and loading
soil/sediment at Removal Area 3B.*

The map illustrates the Sacramento-San Joaquin River Delta, highlighting various removal areas and project progress. Key features include:

- Legend:**
 - SHORELINE:** Solid line
 - RIVER:** Dashed line
 - STAGING AREA:** Cross-hatched pattern
 - TRUCK TRAFFIC:**
 - REMOVAL AREA TO/FROM DISPOSAL AREA:** Double line
 - Removal Status:**
 - AREAS TARGETED FOR REMOVAL IN 2007:** Light gray fill
 - CLEARING/GRUBBING COMPLETE:** Medium gray fill
 - REMOVAL COMPLETE:** Dark gray fill
 - REMOVAL AND REPLANTING COMPLETE:** White fill
 - AREAS TARGETED FOR REMOVAL IN 2008:** Stippled pattern
- Map Labels:**
 - COFFERDAM AREA 1**, **COFFERDAM AREA 2**
 - REMOVAL AREA 13A**, **REMOVAL AREA 13B**
 - REMOVAL AREA 12A**, **REMOVAL AREA 12B**
 - REMOVAL AREA 10A**, **REMOVAL AREA 10B**
 - REMOVAL AREA 9A**, **REMOVAL AREA 9B**
 - REMOVAL AREA 8**, **REMOVAL AREA 7**
 - REMOVAL AREA 6A**, **REMOVAL AREA 6**
 - REMOVAL AREA 5A**, **REMOVAL AREA 5B**
 - REMOVAL AREA 4A**, **REMOVAL AREA 4B**
 - REMOVAL AREA 3A**, **REMOVAL AREA 3B**
 - REMOVAL AREA 2A**, **REMOVAL AREA 2B**
 - REMOVAL AREA 1**
 - UPLAND AREA 12A1**, **UPLAND AREA 11A1**, **UPLAND AREA 11A2**, **UPLAND AREA 10B1**, **UPLAND AREA 9B1**, **UPLAND AREA 8B1**, **UPLAND AREA 4B1**
 - MID-CHANNEL AREA A**, **MID-CHANNEL AREA B**, **MID-CHANNEL AREA C**
 - AREA 2N**, **AREA 1N**, **AREA 2S**
 - ISLAND 1**, **ISLAND 2**, **ISLAND 3**
 - STONERIDGE DR.**, **RIVER RD.**, **LEGAN ST.**, **FAIRLANE**
 - US 101**, **US 101**